



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 4215

<b>SERIAL NUMBER</b> 10/511,906	<b>FILING OR 371(c) DATE</b> 10/20/2004 <b>RULE</b>	<b>CLASS</b> 060	<b>GROUP ART UNIT</b> 3746	<b>ATTORNEY DOCKET NO.</b> 260429US3PCT
------------------------------------	---	---------------------	-------------------------------	--

**APPLICANTS**

Motohide Murayama, Tokyo, JAPAN;  
 Shigemichi Yamawaki, Tokyo, JAPAN;  
 Hidemi Toh, Tokyo, JAPAN;  
 Hideo Kobayashi, Tokyo, JAPAN;  
 Katsuyoshi Takahashi, Tokyo, JAPAN;  
 Kaoru Chiba, Tokyo, JAPAN;  
 Shigeharu Ohyagi, Saitama, JAPAN;

**\*\* CONTINUING DATA \*\*\*\*\***

This application is a 371 of PCT/JP04/01426 02/10/2004

**\*\* FOREIGN APPLICATIONS \*\*\*\*\***

JAPAN 2003-033253 02/12/2003  
 JAPAN 2003-033301 02/12/2003  
 JAPAN 2003-144087 05/21/2003  
 JAPAN 2003-424454 12/22/2003

Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no	<b>STATE OR COUNTRY</b> JAPAN	<b>SHEETS DRAWING</b> 12	<b>TOTAL CLAIMS</b> 25	<b>INDEPENDENT CLAIMS</b> 2
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged	Examiner's Signature	Initials		

**ADDRESS**

22850

**TITLE**

Pulse detonation engine system for driving turbine

<b>FILING FEE RECEIVED</b> 1040	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees
		<input type="checkbox"/> 1.16 Fees ( Filing )
		<input type="checkbox"/> 1.17 Fees ( Processing Ext. of time )
		<input type="checkbox"/> 1.18 Fees ( Issue )
		<input type="checkbox"/> Other _____
		<input type="checkbox"/> Credit